



-R₄-NR₇-CR₃-R₆-aryl;
-R₄-NR₇-CR₃-R₆-heteroaryl;
-R₄-NR₇-CR₃-R₆-heterocyclyl; and
-R₄-NR₇-CR₃-R₈;

5

each Z is independently -NR₅-, -O-, or -S-;

R₂ is selected from the group consisting of:

-hydrogen;
-alkyl;
-alkenyl;
10 -aryl;
-heteroaryl;
-heterocyclyl;
-alkyl-Y-alkyl;
-alkyl-Y-alkenyl;
-alkyl-Y-aryl; and

15

- alkyl or alkenyl substituted by one or more substituents selected from the group consisting of:

-OH;
-halogen;
20 -N(R₅)₂;
-CO-N(R₅)₂;
-CO-C₁₋₁₀ alkyl;
-CO-O-C₁₋₁₀ alkyl;
-N₃;

25

-aryl;
-heteroaryl;
-heterocyclyl;
-CO-aryl; and
-CO-heteroaryl;

30

each R₃ is =O or =S;

each R₄ is independently alkyl or alkenyl, which may be interrupted by one or more -O- groups;